

Title (en)
Directional stripline structure and manufacture

Title (de)
Direktionelle Streifenleitungsstruktur und Herstellung einer derartigen Struktur

Title (fr)
Structure directionnelle à ligne à bande et fabrication d'une telle structure

Publication
EP 0439928 B1 19961002 (EN)

Application
EP 90313329 A 19901207

Priority
US 47456390 A 19900202

Abstract (en)
[origin: EP0439928A1] This disclosure describes a double-sided transmission substrate (20) formed with striplines and end-ports in juxtaposition on either side. The transmission substrate (20) is sandwiched between two exterior dielectric substrates (21,22), each coated on one side with a metallic layer (24). The three substrates (20,21,22) are laminated together. Through-holes are drilled into the lamination and its interior substrate, at known locations to intersect the said ports. The copper exteriors (24) of each board (21,22) are etched to identify two contact pad lands (25) on each side. Plated-thru holes (27) are created to connect to each of the ports. <IMAGE>

IPC 1-7
H01P 5/18; **H01P 11/00**

IPC 8 full level
H01P 5/18 (2006.01); **H01P 11/00** (2006.01); **H05K 1/14** (2006.01); **H05K 7/14** (2006.01); **H05K 1/02** (2006.01); **H05K 3/34** (2006.01); **H05K 3/36** (2006.01)

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H01P 5/00 (2013.01 - KR); **H01P 5/187** (2013.01 - EP US); **H01P 11/00** (2013.01 - EP US); **H05K 1/141** (2013.01 - EP US); **H05K 1/0237** (2013.01 - EP US); **H05K 1/0243** (2013.01 - EP US); **H05K 3/3442** (2013.01 - EP US); **H05K 3/366** (2013.01 - EP US); **H05K 2201/0715** (2013.01 - EP US); **H05K 2201/09672** (2013.01 - EP US); **Y10T 29/49126** (2015.01 - EP US); **Y10T 29/49128** (2015.01 - EP US)

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CN110854499A; CN111511108A; EP0671776A1; US6686812B2; WO2021077639A1; WO9734336A3; WO03100904A1

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